

NPTEL Web & Video Course List				
S.No	Course Name	Type	Institute	Coordinators
Biotechnology				
1	BioChemistry I	Video	IIT Kharagpur	Prof. S. Dasgupta
2	Enzyme Science and Engineering	Video	IIT Delhi	Prof. Subhash Chand
3	Biomathematics	Video	IIT Bombay	Dr. Ranjith Padinhateeri
4	Proteomics and Genomics	Web	IIT Guwahati	Dr. Vikash Kumar Dubey
5	Thermodynamics	Video	IIT Madras	Prof. G.K. Suraishkumar
6	Introduction to Computational Neuroscience	Web	IIT Madras	Dr. V Srinivasa Chakravarthy
7	Cellular and Molecular Immunology	Web	IIT Guwahati	Dr. Sachin Kumar
8	General Virology	Web	IIT Guwahati	Dr. Sachin Kumar
9	Plant Biotechnology	Web	IIT Guwahati	Dr. Rakhi Chaturvedi
10	Proteomics: Principles and Techniques	Video	IIT Bombay	Prof. Sanjeeva Srivastava
12	Downstream Processing	Video	IIT Madras	Prof. Mukesh Doble
13	Fundamentals of Biotechnology	Web	IIT Guwahati	Dr. Vishal Trivedi
14	Gene Therapy	Web	IIT Guwahati	Dr. Sachin Kumar
15	Bioanalytical Techniques and Bioinformatics	Web	IIT Guwahati	Dr. Vishal Trivedi, Dr. Nitin Chaudhary
16	Systems Biology	Web	SASTRA University	Dr. M. Vijayalakshmi
17	Cell Biology	Web	IIT Guwahati	Dr. Sanjukta Patra
18	Analytical Technologies in Biotechnology	Video	IIT Roorkee	Dr. Ashwani K Sharma
19	Advanced Clinical Proteomics	Web	IIT Bombay	Prof. Sanjeeva Srivastava
20	Tissue Engineering	Web	SASTRA University	Dr. S. Swaminathan
21	Molecular Cell Biology	Web	IIT Madras	Prof. Devarajan Karunagaran
22	Genetic Engineering & Applications	Web	IIT Guwahati	Dr. Utpal Bora
Civil Engineering				
23	Advanced Transportation Engineering	Web	IIT Kanpur	Prof. A. Das, Prof. Partha Chakraborty
24	Civil Engineering - Building materials and Construction	Video	IIT Delhi	Dr. B. Bhattacharjee
25	Composite Materials	Web	IISc Bangalore	Dr. P.C. Pandey
26	Computational Hydraulics	Web	IISc Bangalore	Prof. M.S. Mohan Kumar
27	Construction Planning and Management	Web	IIT Guwahati	Prof. Arbind Kumar Singh
28	Design of Concrete Structures	Web	IIT Kharagpur	Prof. J.N. Bandopadhyay
29	Design of Reinforced Concrete Structures	Video	IIT Kharagpur	Prof. N. Dhang
30	Design of Steel Structures	Video	IIT Guwahati	Prof. Damodar Maity
31	Design of Steel Structures I	Web	IIT Madras	Prof. S.R. Satishkumar, Prof. A.R. Shantha Kumar
32	Design of Steel Structures II	Web	IIT Madras	Prof. S.R. Satishkumar, Prof. A.R. Shantha Kumar
33	Engineering Geology	Video	IIT Kharagpur	Dr. Debasis Roy
34	Environmental Air Pollution	Web	IIT Delhi	Prof. Mukesh Khare
35	Environmental Air Pollution	Video	IIT Kanpur	Prof. Mukesh Sharma
36	Fluid Mechanics	Web	IIT Guwahati	Prof. N. Sahoo, Prof. Subhashisa Dutta
37	Fluid Mechanics	Video	IIT Bombay	Dr. T.I. Eldho
38	Foundation Engineering	Web	IIT Bombay	Dr. Deepankar Choudhury
39	Foundation Engineering	Video	IIT Roorkee	Prof. Mahendra Singh, Prof. Priti Maheswari, Prof. N.K.
40	Hydraulics	Web	IIT Madras	Prof. B.S. Murty, Dr. B.S. Thandaveswara
41	Hydraulics	Video	IIT Guwahati	Prof. Arup Kumar Sharma
42	Infrastructure Planning and Management	Web	IIT Madras	Dr. Ashwin Mahalingam, Prof. A. Veeraragavan
43	Introduction to Transportation Engineering	Video	IIT Kharagpur	Dr. Bhargab Maitra, Dr. K.S. Reddy
44	Mechanics of Solids	Web	IIT Delhi	Prof. Y. Nath
45	Mechanics of solids	Video	IIT Madras	Prof. M.S. Sivakumar
46	Modern Surveying Techniques	Web	IIT Kanpur	Dr. Onkar Dikshit
47	Modern Surveying Techniques	Video	IIT Roorkee	Prof. S.K. Ghosh
48	Optimization Methods	Web	IISc Bangalore	Dr. D. Nagesh Kumar
49	Pre-stressed Concrete Structures	Web	IIT Madras	Prof. Amlan Kumar Sengupta, Dr. Devdas Menon
50	Pre-stressed Concrete Structures	Video	IIT Madras	Dr. Devdas Menon, Prof. Amlan Kumar Sengupta
51	Reliability Engineering	Web	IISc Bangalore	Dr. G.L. Sivakumar Babu
52	Soil Mechanics	Web	IIT Guwahati	Prof. Baleshwar Singh
53	Soil Mechanics	Video	IIT Bombay	Dr. B.V.S. Viswanadham
54	Strength of Materials	Video	IIT Kharagpur	Prof. S.K. Bhattacharyya
55	Structural Analysis I	Web	IIT Bombay	Dr. Siddhartha Ghosh, Dr. R.S. Jangid
56	Structural Analysis II	Web	IIT Kharagpur	Prof. Sudhir Kumar Barai, Prof. L.S. Ramachandra
57	Structural Analysis II	Video	IIT Bombay	Dr. P. Banerji
58	Surveying	Web	IIT Roorkee	Prof. J.K. Ghosh
59	Surveying	Video	IIT Kanpur	Dr. Bharat Lohani
60	Transportation Engineering I	Web	IIT Bombay	Dr. Tom V Mathew
61	Transportation Engineering II	Video	IIT Roorkee	Prof. Rajat Rastogi
62	Water and Waste Water Engineering	Web	IIT Kanpur	Dr. P. Bose
63	Water and Waste Water Engineering	Video	IIT Madras	Prof. Ligy Philip, Prof. B.S. Murty, Prof. C. Venkobachar
64	Water Resources Engineering	Web	IIT Kharagpur	Dr. Dhrubajyoti Sen
65	Water Resources Engineering	Video	IIT Kanpur	Dr. Pranab K Mohapatra, Prof. Rajesh Srivastava
66	Stochastic Hydrology	Video	IISc Bangalore	Prof. P.P. Mujumdar
67	Advanced Structural Analysis	Video	IIT Madras	Prof. Devdas Menon
68	Urban transportation planning	Video	IIT Madras	Dr. V. Thamizh Arasan
69	Ground Improvement Techniques	Web	IIT Kanpur	Dr. Nihar Ranjan Patra
70	Water Resources Systems Planning and Management	Web	IISc Bangalore	Dr. D. Nagesh Kumar
71	Introduction to Engineering Seismology	Web	IISc Bangalore	Dr. P. Anbazhagan
72	Geo-informatics in Transportation Engineering	Web	IISc Bangalore	Dr. Ashish Verma
73	Applied Elasticity for Engineers	Web	IISc Bangalore	Dr. L. Govindaraju, Dr. T.G. Sitharam
74	Advance Geotechnological Engineering	Web	IIT Kanpur	Dr. Nihar Ranjan Patra

75	Probability Methods in Civil Engineering	Video	IIT Kharagpur	Dr. Rajib Maity
76	Traffic Engineering & Management	Web	IIT Bombay	Dr. Tom V Mathew
77	Wastewater management	Web	IIT Kharagpur	Dr. M.M. Ghangrekar
78	Structural Dynamics	Video	IIT Bombay	Dr. P. Banerji
79	Watershed Management	Video	IIT Bombay	Dr. T.I. Eldho
80	Numerical Methods in Civil Engineering	Video	IIT Kharagpur	Dr. A. Deb
81	Hydrological Measurements and Analysis of Data	Web	IIT Roorkee	Sharad Kumar Jain
82	Geo-environmental Engineering	Web	Dr. S. Sreedeeep	IIT Guwahati
83	Advanced Hydraulics	Video	IIT Guwahati	Dr. Suresh A Kartha
84	Advanced Hydraulics	Web	IIT Roorkee	Dr. C.S.P. Ojha
85	Advanced Hydrology	Video	IIT Kanpur	Dr. Ashu Jain
86	Advance Geotechnological Engineering	Web	IIT Kanpur	Dr. Nihar Ranjan Patra
87	Water Resources Systems : Modeling Techniques and Analysis	Video	IISc Bangalore	Prof. P.P. Mujumdar
88	Finite Element Analysis	Web	IIT Kharagpur	Dr. D. Maity
89	Finite Element Analysis	Video	IIT Madras	Dr. B.N. Rao
90	Soil Dynamics	Video	IIT Bombay	Dr. Deepankar Choudhury
91	Stochastic Structural Dynamics	Video	IISc Bangalore	Prof. C.S. Manohar
92	Geosynthetics and Reinforced Soil Structures	Video	IIT Madras	Dr. K. Rajagopal
93	Geotechnical Earthquake Engineering	Web	IISc Bangalore	Dr. Gali Madhavi Latha
94	Modern Construction Materials	Video	IIT Madras	Dr. Ravindra Gettu
95	Introduction to Earthquake Engineering	Web	IIT Bombay	Dr. R.S. Jangid
96	Advanced Solid Mechanics	Web	IIT Madras	Dr. U. Saravanan
97	Geotechnical Measurements & Explorations	Video	IIT Kanpur	Dr. Nihar Ranjan Patra
98	Advanced Foundation Engineering	Video	IIT Kharagpur	Dr. Kousik Deb
99	Geotechnical Earthquake Engineering	Video	IIT Bombay	Dr. Deepankar Choudhury
100	Foundation Analysis and Design	Web	IIT Kanpur	Dr. Nihar Ranjan Patra
101	G.I.S in Civil Engineering	Web	IIT Delhi	Dr. A.K. Gosain
102	Construction Economics & Finance	Web	IIT Guwahati	Dr. Bulu Pradhan
103	Probability Methods in Civil Engineering	Web	IIT Kharagpur	Dr. Rajib Maity
104	Urban transportation planning	Web	IIT Roorkee	Dr. M. Parida
105	Soil Dynamics	Web	IIT Roorkee	Dr. S. Mittal
106	Structural Reliability	Web	IIT Guwahati	Dr. Arunasis Chakraborty
107	Ground Water Hydrology	Web	IIT Guwahati	Dr. Rajib K. Bhattacharjya
108	Concrete Engineering & Technology	Video	IIT Kanpur	Dr. Sudhir Misra
109	Concrete Technology	Video	IIT Delhi	Dr. B. Bhattacharjee
110	Remote Sensing	Web	IISc Bangalore	Dr. D. Nagesh Kumar
111	Geosynthetics Engineering: In Theory and Practice	Video	IIT Bombay	Prof. J. N. Mandal
112	Site Characterisation & Instrumentation	Web	IISc Bangalore	Dr. P. Anbazhagan
Computer Science and Engineering				
113	Artificial Intelligence	Video	IIT Kharagpur	Prof. Anupam Basu, Prof. S. Sarkar
114	Artificial Intelligence(Prof.P.Dasgupta)	Video	IIT Kharagpur	Prof. P. Dasgupta
115	CAD for VLSI Design I	Web	IIT Madras	Prof. Shankar Balachandran, Prof. V. Kamakoti
116	CAD for VLSI Design II	Web	IIT Madras	Prof. V. Kamakoti, Prof. Shankar Balachandran
117	Compiler Design	Web	IIT Kanpur	Prof. Sanjeev K Aggarwal
118	Computer Architecture	Video	IIT Delhi	Prof. Anshul Kumar
119	Computer Graphics	Web	IIT Delhi	Prof. Prem K Kalra
120	Computer Graphics	Video	IIT Madras	Prof. Sukhendu Das
121	Computer Networks	Web	IIT Madras	Prof. Hema A Murthy
122	Computer Networks	Web	IIT Kharagpur	Prof. Ajit Pal
123	Computer Networks	Video	IIT Kharagpur	Prof. Sujoy Ghosh
124	Computer Organisation and Architecture	Web	IIT Kanpur	Prof. Bhaskaran Raman
125	Computer Organization	Video	IIT Madras	Prof. S. Raman
126	Computer Organization and Architecture	Web	IIT Guwahati	Prof. Jatindra Kumar Deka
127	Data Communication	Video	IIT Kharagpur	Prof. Ajit Pal
128	Data Communications	Web	IISc Bangalore	Prof. H.S. Jamadagni
129	Data Structures And Algorithms	Video	IIT Delhi	Prof. Naveen Garg
130	Data Structures and Program Methodology	Web	IIT Guwahati	Prof. Pradip K Das, Prof. S.V. Rao
131	Database Design	Video	IIT Madras	Prof. D. Janaki Ram, Dr. S. Srinath
132	Design and Analysis of Algorithms	Web	IIT Bombay	Prof. Ajit A Diwan, Prof. Abhiram G Ranade, Prof. Sundar
133	Design and Analysis of Algorithms	Video	IIT Bombay	Prof. Ajit A Diwan, Prof. Abhiram G Ranade, Prof. Sundar
134	Digital Systems	Web	IISc Bangalore	Prof. N.J. Rao
135	Discrete Structures	Video	IIT Madras	Prof. Kamala Krithivasan
136	Electronic Design Automation	Video	IIT Kharagpur	Prof. Indranil Sengupta
137	Internet Technology	Video	IIT Kharagpur	Prof. Indranil Sengupta
138	Introduction to Computer Graphics	Video	IIT Delhi	Prof. Prem K Kalra
139	Introduction to Database Systems and Design	Web	IIT Madras	Prof. P.Sreenivasa Kumar
140	Introduction to Problem Solving and Programming	Web	IIT Delhi	Prof. S. Arun Kumar
141	Introduction to Problem Solving and Programming	Video	IIT Kanpur	Prof. D. Gupta
142	Microprocessors and Microcontrollers	Web	IISc Bangalore	Prof. Krishna Kumar
143	Operating Systems	Web	IISc Bangalore	Prof. P.C.P. Bhatt
144	Principles of Communication	Web	IIT Madras	Prof. Hema A Murthy
145	Principles of Programming Languages	Video	IIT Delhi	Prof. S. Arun Kumar
146	Programming and Data Structure	Video	IIT Kharagpur	Dr. P.P.Chakraborty
147	Real Time Systems	Web	IIT Kharagpur	Prof. Rajib Mall
148	Software Engineering	Web	IIT Kharagpur	Prof. Rajib Mall
149	Software Engineering	Video	IIT Bombay	Prof. N.L. Sarda, Prof. Umesh Bellur, Prof. Rushikesh K
150	System Analysis and Design	Web	IISc Bangalore	Prof. V. Rajaraman
151	System Analysis and Design	Video	IISc Bangalore	Prof. V. Rajaraman

152	Theory of Automata and Formal Languages	Web	IIT Guwahati	Dr. Diganta Goswami
153	High Performance Computing	Video	IISc Bangalore	Prof. Mathew Jacob
154	Theory of Automata and Formal Languages	Video	IIT Guwahati	Dr. Diganta Goswami
155	Real Time Systems	Video	IIT Kharagpur	Prof. Rajib Mall
156	Compiler Design	Video	IIT Kharagpur	Prof. Rajeev Kumar
157	Pattern Recognition	Web	IISc Bangalore	Prof. V. Susheela Devi, Prof. M. Narasimha Murty
158	Cryptography and Network Security	Video	IIT Kharagpur	Dr. Debdeep Mukhopadhyay
159	Graph Theory	Video	IISc Bangalore	Dr. L. Sunil Chandran
160	Computational Geometry	Video	IIT Delhi	Prof. Sandeep Sen
161	Indexing and Searching Techniques in Databases	Web	IIT Kanpur	Dr. Arnab Bhattacharya
162	Low Power VLSI Circuits & Systems	Video	IIT Kharagpur	Prof. Ajit Pa
163	Parallel Computer Architecture	Web	IIT Kanpur	Dr. Mainak Chaudhuri
164	Program Optimization for Multi-core Architectures	Web	IIT Kanpur	Prof. Rajat Moona, Prof. Rajat Moona, Prof. Rajat Moona
165	Theory of Computation	Video	IIT Kanpur	Prof. Somenath Biswas
166	VLSI Design Verification and Test	Web	IIT Guwahati	Dr. Santosh Biswas, Prof. Jatindra Kumar Deka
167	Computational Geometry	Video	IIT Delhi	Prof. Sandeep Sen
168	Computer Algorithms - 2	Video	IIT Kanpur	Prof. Shashank K. Mehta
169	Digital Image Processing	Web	IIT Kharagpur	Dr. G. Harit
170	High Performance Computer Architecture	Video	IIT Kharagpur	Prof. Ajit Pal
171	Natural Language Processing	Video	IIT Bombay	Prof. Pushpak Bhattacharyya
172	Numerical Optimization	Video	IISc Bangalore	Dr. Shirish K. Shevade
173	Performance Evaluation of Computer Systems	Video	IIT Madras	Prof. Krishna Moorthy Sivalingam
174	Computational Number Theory & Cryptography	Web	IIT Guwahati	Dr. Pinaki Mitra
175	Logic for CS	Video	IIT Delhi	Prof. S. Arun Kumar
176	Computational Number Theory & Cryptography	Web	IIT Guwahati	Dr. Pinaki Mitra
177	Design Verification and Test of Digital VLSI Circuits	Video	IIT Guwahati	Dr. Santosh Biswas, Prof. Jatindra Kumar Deka
178	Signals and Systems	Video	IIT Kanpur	Prof. K.S. Venkatesh
179	Human-Computer Interaction	Web	IIT Guwahati	Pradeep P Yammiyavar, Dr.Samit Bhattacharya
180	Biometrics	Video	IIT Kanpur	Prof. Phalguni Gupta
181	Distributed Computing Systems	Web	NITK	Prof. Ananthanarayana V.S
182	Parallel Computing	Video	IIT Delhi	Dr. Subodh Kumar
183	Parallel Algorithms	Web	SASTRA University	Prof. R. Seethalakshmi, Dr. N. Sairam
184	Combinatorics	Video	IISc Bangalore	Dr. L. Sunil Chandran
185	Storage Systems	Video	IISc Bangalore	Dr. K. Gopinath
186	Parallel Algorithm	Video	IIT Kanpur	Prof. Phalguni Gupta
187	Artificial Intelligence	Video	IIT Madras	Prof. Deepak Khemani
Basic Courses (Sem I & II)				
188	Applied mechanics	Video	IIT Delhi	Prof. R.K. Mittal, Prof. Sanjeev Sanghi
189	Basic Electronics	Web	IIT Kanpur	Prof. Yatindra N Singh, Prof. Joseph John
190	Basic Electronics and Lab	Web	IIT Madras	Prof. T.S. Natarajan
191	Basic Electronics and Lab	Video	IIT Madras	Prof. T.S. Natarajan
192	Classical Physics	Video	IIT Madras	Prof. V. Balakrishnan
193	Concept of Management and Evolution of Management thought	Video	IISc Bangalore	Prof. K.B. Akhilesh
194	Engineering Chemistry I	Web	IIT Bombay	Prof. B.L. Tembe, Prof. K. Mangala Sunder
195	Engineering Chemistry I	Video	IIT Madras	Prof. K. Mangala Sunder
196	Engineering Chemistry III	Web	IIT Madras	Prof. S. Sankararaman, Prof. N. Narasimha Murthy, Prof.
197	Engineering Mechanics	Web	IIT Kanpur	Prof. Manoj K Harbola
198	Engineering Mechanics	Video	IIT Kanpur	Prof. Manoj K Harbola
199	Engineering Physics I (Experiment)	Web	IIT Guwahati	Prof. Pratima Agarwal, Prof. Alike Khare , Prof. S. Ravi
200	Engineering Physics I (Theory)	Web	IIT Guwahati	Prof. Alike Khare , Prof. S. Ravi, Prof. Pratima Agarwal
201	Engineering Physics II	Web	IIT Bombay	Prof. D.K. Ghosh
202	Engineering Physics II	Video	IIT Kanpur	Prof. S. Raychaudhuri, Prof. V. Ravishankar
203	Environment and Ecology	Web	IIT Delhi	Prof. V.B. Upadhyay, Prof. Anuradha Sharma
204	Environmental Chemistry and Analysis	Web	IIT Madras	Prof. M.S. Subramanian
205	Human Resource Management-I	Video	IIT Kharagpur	Prof. Kalyan Chakravarti
206	Leadership	Video	IIT Kharagpur	Prof. Kalyan Chakravarti
207	Management Information System	Video	IIT Kharagpur	Prof. Biswajit Mahanty
208	Management Science I	Web	IIT Madras	Prof. M. Thenmozhi
209	Management Science I	Video	IIT Delhi	Prof. Anuradha Sharma
210	Management Science II	Web	IIT Madras	Prof. R. Madhumathi
211	Materials Science (Currently not available due to audio complaint)	Video	IIT Delhi	Prof. S.K. Gupta
212	Mathematics I	Web	IIT Bombay	Prof. Inder K Rana
213	Mathematics I	Video	IIT Kanpur	Prof. Swagato K. Ray, Prof. P. Shunmugaraj, Prof.
214	Mathematics II	Web	IIT Kanpur	Prof. P. Chandra, Prof. G. Santhanam, Prof. V.
215	Mathematics II	Video	IIT Roorkee	Prof. Sunita Gakkhar, Dr. Tanuja Srivastava, Prof. H.G.
216	Mathematics III	Web	IIT Guwahati	Prof. Durga C Dalal, Dr. M. Guru Prem Prasad
217	Mathematics III	Video	IIT Roorkee	Prof. P.N. Agrawal, Dr. Tanuja Srivastava
218	Numerical Analysis and Computer Programming	Video	IIT Madras	Prof. P.B. Sunil Kumar
219	Numerical Analysis in Computer Programming	Web	IIT Kanpur	Prof. Rathish Kumar, Prof. P.B. Sunil Kumar, Prof. M.K.
220	Numerical Methods and Computation	Video	IIT Delhi	Prof. S. R. K. Iyengar
221	Physics I - Oscillations & Waves	Video	IIT Kharagpur	Prof. S. Bharadwaj
222	Quantum Physics	Video	IIT Madras	Prof. V. Balakrishnan
223	Strategic Management	Video	IIT Kharagpur	Prof. Kalyan Chakravarti
Electronics and Communication Engineering				
224	Adaptive Signal Processing	Video	IIT Kharagpur	Prof. Mrityunjoy Chakraborty
225	Analog Circuits	Web	IIT Roorkee	Prof. Pramod Agarwal
226	Basic Electronics	Web	IIT Roorkee	Prof. Pramod Agarwal
227	Basic Electronics	Video	IIT Guwahati	Prof. Chitralekha Mahanta

228	Broadband Networks: Concepts and Technology	Video	IIT Bombay	Prof. Abhay Karandikar
229	Communication Engineering	Video	IIT Delhi	Prof. Surendra Prasad
230	Communication Networks and Switching	Web	IIT Kharagpur	Prof. S.L. Maskara
231	Digital Circuits	Web	IIT Guwahati	Prof. Roy Paily Palanthinkal, Prof. Anil Mahanta
232	Digital Circuits and Systems	Video	IIT Madras	Prof. S. Srinivasan
233	Digital Communication	Web	IIT Kharagpur	Prof. Saswat Chakrabarti, Prof. R.V. Rajakumar
234	Digital Communication	Video	IIT Bombay	Prof. Bikash Kumar Dey
235	Digital Computer Organization	Video	IIT Kharagpur	Prof. P.K. Biswas
236	Digital Image Processing	Web	IIT Kanpur	Prof. Sumana Gupta
237	Digital Image Processing	Video	IIT Kharagpur	Prof. P.K. Biswas
238	Digital Signal Processing	Web	IIT Kanpur	Prof. Govind Sharma
239	Digital Signal Processing	Video	IIT Delhi	Prof. S.C. Dutta Roy
240	Digital Systems Design	Video	IIT Kharagpur	Prof. D. Roychoudhury
241	Digital Voice & Picture Communication	Video	IIT Kharagpur	Prof. Sabyasachi Sengupta
242	Electromagnetic Fields	Web	IIT Guwahati	Dr. Ratnajit Bhattacharjee
243	Electronics for Analog Signal Processing - I	Video	IIT Madras	Prof. K. Radhakrishna Rao
244	Electronics for Analog Signal Processing - II	Video	IIT Madras	Prof. K. Radhakrishna Rao
245	High Speed Devices and Circuits	Video	IIT Madras	Prof. K.N. Bhat
246	High Speed Semiconductor Devices	Web	IIT Kanpur	Prof. Anjan Ghosh
247	IC Technology	Web	IIT Guwahati	Prof. Roy Paily Palanthinkal, Prof. Indrajit Chakraborty
248	Information Theory and Coding	Web	IISc Bangalore	Prof. Pavan S Nuggehalli
249	MEMS and Microsystems	Video	IIT Kharagpur	Prof. Santiram Kal
250	Microcontrollers and Applications	Web	IIT Kanpur	Dr. S.P. Das
251	Multimedia processing	Web	IIT Kharagpur	Prof. Sabyasachi Sengupta
252	Neural Networks and Applications	Video	IIT Kharagpur	Prof. Somnath Sengupta
253	Optical Communication	Web	IIT Bombay	Prof. D.K. Ghosh, Prof. R.K. Shevgaonkar
254	Principles of Communication	Web	IIT Madras	Prof. V. Venkat Rao
255	Probability and Random Processes	Web	IIT Guwahati	Prof. Prabin K Bora
256	Probability and Random Processes	Video	IIT Kharagpur	Prof. Mrityunjay Chakraborty
257	Semiconductor Devices	Web	IIT Delhi	Prof. G.S. Visweswaran
258	Signals and Systems	Web	IIT Bombay	Prof. V.M. Gadre
259	Solid State Devices	Video	IIT Madras	Prof. S. Karmalkar
260	Transmission Lines and EM Waves	Web	IIT Bombay	Prof. R.K. Shevgaonkar
261	Transmission Lines and EM Waves	Video	IIT Bombay	Prof. R.K. Shevgaonkar
262	VLSI Circuits	Video	IIT Madras	Prof. S. Srinivasan
263	VLSI Design	Web	IIT Bombay	Prof. A.N. Chandorkar
264	Wireless Communication	Video	IIT Delhi	Prof. Ranjan Bose
265	VLSI Technology	Video	IIT Madras	Dr. Nandita Dasgupta
266	Adv. Digital Signal Processing - Multirate and wavelets	Video	IIT Bombay	Prof. V.M. Gadre
267	Advanced Optical Communication	Video	IIT Bombay	Prof. R.K. Shevgaonkar
268	Queueing Systems	Web	IIT Guwahati	Prof. S.K. Bose
269	Circuits for Analog System Design	Video	IISc Bangalore	Prof. M.K. Gunasekaran
270	Error Correcting Codes	Video	IISc Bangalore	Prof. P. Vijay Kumar
271	Circuits for Analog System Design	Video	IISc Bangalore	Prof. M.K. Gunasekaran
272	RF Integrated Circuits	Video	IIT Delhi	Dr. Shouribrata Chatterjee
273	Advanced 3G and 4G Wireless Mobile Communications	Video	IIT Kanpur	Prof. Aditya K. Jagannatham
274	VLSI Data Conversion Circuits	Video	IIT Madras	Dr. Shanthi Pavan
275	Coding Theory	Video	IIT Madras	Dr. Andrew Thangaraj
276	Information Theory and Coding	Video		Prof. S.N. Merchant
277	Signals and Systems	Video	IIT Kanpur	Prof. K.S. Venkatesh
278	Analog IC Design	Video	IIT Madras	Dr. Nagendra Krishnapura
279	Biophotonics	Web	IISc Bangalore	Dr. Manoj Varma
Electrical Engineering				
280	Analog ICs	Video	IIT Madras	Prof. K. Radhakrishna Rao
281	Basic Electrical Technology	Web	IIT Kharagpur	Prof. N.K. De, Prof. G.D. Roy, Prof. T.K. Bhattacharya
282	Basic Electrical Technology	Video	IISc Bangalore	Prof. L. Umanand
283	Chaos, Fractals & Dynamic Systems	Video	IIT Kharagpur	Prof. S. Banerjee
284	Circuit Theory	Video	IIT Delhi	Prof. S.C. Dutta Roy
285	Control Engineering	Web	IIT Delhi	Prof. M. Gopal
286	Control Engineering	Video	IIT Bombay	Prof. S.D. Agashe
287	Control Engineering	Video	IIT Delhi	Prof. M. Gopal
288	Digital Integrated Circuits	Video	IIT Madras	Prof. Amitava Dasgupta
289	Digital Signal Processing	Video	IIT Kharagpur	Prof. T.K. Basu
290	Dynamics of Physical Systems	Video	IIT Kharagpur	Prof. S. Banerjee
291	Electrical Machines I	Web	IIT Madras	Prof. P. Sasidhara Rao, Prof. G. Sridhara Rao, Dr.
292	Electrical Machines II	Web	IIT Madras	Prof. P. Sasidhara Rao, Prof. G. Sridhara Rao, Dr.
293	Electromagnetic Fields	Video	IIT Madras	Prof. Harishankar Ramachandran
294	Embedded Systems	Web	IIT Kharagpur	Prof. A. Routray, Prof. Rajib Mall, Prof. Amit Patra
295	Embedded Systems	Video	IIT Delhi	Prof. Santanu Chaudhary
296	Energy Resources & Technology	Video	IIT Kharagpur	Prof. S. Banerjee
297	Estimation of Signals and Systems	Video	IIT Kharagpur	Prof. S. Mukhopadhyay
298	High Voltage Engineering	Web	IIT Kanpur	Prof. Ravindra Arora
299	Illumination Engineering	Web	IIT Kharagpur	Prof. N.K. Kishore
300	Illumination Engineering	Video	IIT Kharagpur	Prof. N.K. Kishore
301	Industrial Automation and Control	Web	IIT Kharagpur	Prof. S. Sen, Prof. S. Mukhopadhyay
302	Industrial Automation and Control	Video	IIT Kharagpur	Prof. S. Sen, Prof. S. Mukhopadhyay
303	Industrial Drives	Web	IIT Delhi	Prof. K. Rajagopal
304	Industrial Drives - Power Electronics	Video	IISc Bangalore	Prof. K. Gopakumar

305	Industrial Instrumentation	Web	IIT Madras	Prof. V. Jayashankar
306	Industrial Instrumentation	Video	IIT Kharagpur	Prof. Alok Barua
307	Intelligent Systems and Control	Video	IIT Kanpur	Prof. Laxmidhar Behera
308	Networks and Systems	Video	IIT Madras	Prof. V.G.K. Murti
309	Networks Signals and Systems	Video	IIT Kharagpur	Prof. T.K. Basu
310	Non-Conventional Energy Systems	Web	IISc Bangalore	Prof. L. Umanand
311	Numerical Analysis	Web	IISc Bangalore	Prof. Vittal Rao
312	Power Electronics	Web	IIT Kharagpur	Dr. D.Kastha, Prof. Sabyasachi Sengupta, Prof. N.K. De,
313	Power Electronics	Video	IIT Bombay	Prof. Kishore Chatterjee, Prof. B.G. Fernandes
314	Power System Analysis	Video	IIT Kharagpur	Prof. A.K. Sinha
315	Power System Dynamics	Video	IIT Delhi	Dr. M.L. Kothari
316	Power System Generation, Transmission and Distribution (Encapsulated from	Video	IIT Delhi	Prof. D.P. Kothari
317	Power System Protection	Web	IIT Bombay	Prof. S.A. Soman
318	Power Systems Analysis	Web	IIT Kanpur	Prof. Arindam Ghosh
319	Power Systems Operation and Control	Web	IIT Bombay	Dr. A.M. Kulkarni
320	Power Systems Operation and Control	Video	IIT Kanpur	Dr. S.N. Singh
321	Information Theory and Coding	Video	IIT Bombay	Prof. S.N. Merchant
322	Advanced Electric Drives	Video	IIT Kanpur	Dr. S.P. Das
323	An Introduction to Electronics Systems Packaging	Video	IISc Bangalore	Prof. G.V. Mahesh
324	Computer Aided Power System Analysis	Web	IIT Roorkee	Dr. Vinay Pant, Dr. Biswarup Das
325	Digital Control System	Web	IIT Guwahati	Dr. Indrani Kar, Prof. S. Majhi
326	Electrical Machines -I	Video	IIT Kharagpur	Dr. D.Kastha
327	High Voltage DC Transmission	Video	IIT Kanpur	Dr. S.N. Singh
328	Nonlinear Control System	Web	IIT Madras	Dr. Arun D. Mahindrakar
329	Optimal Control	Video	IIT Kharagpur	Prof. G.D. Ray
330	Power Quality in Power Distribution Systems	Web	IIT Madras	Dr. Mahesh Kumar
331	Power System Stability and Control	Web	IIT Madras	Dr. B. Kalyan Kumar
332	Advanced Control Systems	Video	IIT Guwahati	Prof. S. Majhi
333	Restructured Power Systems	Web	IIT Bombay, IIT	Prof. S.A. Khaparde, Dr. A.R. Abhyankar
334	Power System Dynamics and Control	Video	IIT Bombay	Dr. A.M. Kulkarni
335	Switched Mode Power Conversion	Video	IISc Bangalore	Prof. V. Ramanarayanan
336	Microprocessor	Web	IIT Roorkee	Prof. Pramod Agarwal
337	Pulse width Modulation for Power Electronic Converters	Video	IISc Bangalore	Dr. G. Narayanan
Mechanical Engineering				
338	Advanced Finite Elements Analysis	Video	IIT Madras	Dr. R. Krishnakumar
339	Advanced Operations Research	Video	IIT Madras	Prof. G. Srinivasan
340	Advanced Strength of Materials	Video	IIT Bombay	Prof. S.K. Maiti
341	Applied Thermodynamics	Web	IIT Madras	Prof. U.S. Premananda Shet, Prof. T. Sundararajan, Prof.
342	Basic Thermodynamics	Web	IISc Bangalore	Prof. Pradip Dutta, Prof. K. Srinivasan
343	Basic Thermodynamics	Web	IIT Kanpur	Prof. Gautam Biswas, Prof. Y.V.C. Rao
344	Basic Thermodynamics	Video	IIT Kharagpur	Prof. S.K. Som
345	Computer Aided Design and Manufacturing	Video	IIT Delhi	Prof. Anoop Chawla, Prof. P.V. Madhusudan Rao
346	Computer Aided Design and Manufacturing I	Web	IIT Delhi	Prof. Anoop Chawla
347	Computer Aided Design and Manufacturing II	Web	IIT Delhi	Prof. P.V. Madhusudan Rao
348	Design of Machine Elements I	Web	IIT Kharagpur	Prof. B. Maiti, Prof. S.K. Roychowdhury, Prof. G.
349	Design of Machine Elements I	Video	IIT Kharagpur	Prof. G. Chakraborty, Prof. B. Maiti, Prof. S.K.
350	Dynamics of Machines	Web	IIT Bombay	Prof. C. Amamath, Prof. K. Kurien Issac, Prof. P. Seshu
351	Dynamics of Machines	Video	IIT Kanpur	Prof. Amitabha Ghosh
352	Engineering Mechanics	Web	IIT Guwahati	Prof. U.S. Dixit
353	Engineering Mechanics	Video	IIT Guwahati	Prof. U.S. Dixit
354	Finite Element Method	Web	IIT Kanpur	Prof. P.M. Dixit
355	Finite Element Method	Video	IIT Kanpur	Prof. C.S. Upadhyay
356	Fluid Machinery	Web	IIT Kanpur	Prof. Gautam Biswas, Prof. S.K. Som, Prof. S. Sarkar
357	Fluid Mechanics	Web	IIT Kanpur	Prof. Gautam Biswas, Prof. S.K. Som
358	Fundamentals of Operations Research	Video	IIT Madras	Prof. G. Srinivasan
359	Heat and Mass Transfer	Web	IISc Bangalore	Prof. Pradip Dutta
360	Heat and Mass Transfer	Video	IIT Bombay	Prof. U.N. Gaitonde, Prof. S.P. Sukhatme
361	Industrial Engineering	Web	IIT Roorkee	Prof. Pradeep Kumar, Prof. P.K. Jain, Prof. H.S. Shan
362	Industrial Engineering	Video	IIT Roorkee	Dr. D.K. Dwivedi, Prof. P.K. Jain, Prof. Pradeep Kumar,
363	Introduction to Finite Element Method	Video	IIT Madras	Dr. R. Krishnakumar
364	Introduction to Turbulence	Web	IIT Kanpur	Prof. Gautam Biswas
365	Kinematics	Web	IIT Delhi	Prof. Ashok K Mallik, Prof. Sudipto Mukherjee
366	Kinematics of Machines	Video	IIT Kanpur	Prof. Ashok K Mallik
367	Machine Design II	Web	IIT Madras	Prof. M.M. Mayuram, Prof. K. Gopinath
368	Manufacturing Processes I	Web	IIT Roorkee	Prof. H.S. Shan, Prof. Pradeep Kumar, Prof. S.R. Gupta
369	Manufacturing Processes I	Video	IIT Roorkee	Dr. Inderdeep Singh, Dr. D.K. Dwivedi, Dr. D. Benny
370	Manufacturing Processes II	Web	IIT Kharagpur	Prof. S. Paul, Prof. A.B. Chattopadhyay, Prof. A.K.
371	Manufacturing Processes II	Video	IIT Kharagpur	Prof. A.K. Chattopadhyay, Prof. S. Paul, Prof. A.B.
372	Materials Science	Web	IISc Bangalore	Prof. Satish V Kailas
373	Materials Selection and Design	Web	IIT Kanpur	Prof. Bishakh Bhattacharya
374	Mechanical Measurements and Metrology	Web	IIT Madras	Prof. M.S. Shanmugam, Prof. S.P. Venkateshan
375	Mechanical Measurements and Metrology	Video	IIT Madras	Prof. S.P. Venkateshan, Prof. M.S. Shanmugam
376	Mechanical Vibrations	Web	IIT Guwahati	Prof. Rajiv Tiwari, Prof. S.K. Dwivedy
377	Mechanical Vibrations (Currently not available due to audio complaint)	Video	IIT Guwahati	Prof. S.K. Dwivedy, Prof. Rajiv Tiwari
378	Principles of Mechanical Measurements	Video	IIT Madras	Prof. R. Raman
379	Project and Production Management	Web	IIT Delhi	Prof. S.G. Deshmukh, Prof. Arun Kanda
380	Project and Production Management	Video	IIT Delhi	Prof. Arun Kanda
381	Refrigeration and Air Conditioning	Web	IIT Kharagpur	Prof. M. Ramgopal

382	Refrigeration and Air Conditioning	Video	IIT Kharagpur	Prof. M. Ramgopal, Prof. R.C. Arora
383	Robotics	Web	IIT Bombay	Prof. B. Seth, Prof. P. Seshu, Prof. C. Amarnath, Prof.
384	Robotics	Video	IIT Bombay	Prof. P. Seshu, Prof. C. Amarnath, Prof. P.S. Gandhi,
385	Strength of Materials	Web	IIT Roorkee	Dr. Satish C Sharma
386	Strength of Materials	Video	IIT Roorkee	Dr. S.P. Harsha
387	Strength of Materials	Web	IIT Madras	Prof. M.S. Sivakumar
388	Experimental Stress Analysis	Video	IIT Madras	Prof. K. Ramesh
389	Computational Fluid Dynamics	Video	IIT Kharagpur	Prof. S. Chakraborty
390	Conduction And Radiation	Video	IIT Madras	Prof. C. Balaji
391	Computational Fluid Dynamics	Web	IIT Roorkee	Dr. K.M. Singh
392	Robotics: Advanced Concepts and Analysis	Web	IISc Bangalore	Prof. Ashitava Ghosal
393	Design and Optimization of Energy systems	Video	IIT Madras	Prof. C. Balaji
394	Convective Heat and Mass Transfer	Video	IIT Bombay	Prof. A.W. Date
395	Vibration of Structures	Web	IIT Kharagpur	Prof. A. Dasgupta
396	Computational Fluid Dynamics and Heat Transfer	Web	IIT Kanpur	Prof. Gautam Biswas
397	IC Engines: Combustion and Emissions	Web	IIT Kanpur	Prof. B.P. Pundir
398	Principles of Vibration Control	Web	IIT Kanpur	Prof. Bishakh Bhattacharya
399	Rocket Propulsion	Video	IIT Madras	Prof. K. Ramamurthi
400	Mechanics of Laminated composite structure	Web	IIT Kanpur	Prof. Nachiketa Tiwari
401	Advanced Gas Dynamics	Video	IIT Madras	Dr. Rinku Mukherjee
402	Advanced Machining Processes	Video	IIT Kanpur	Prof. Vijay K. Jain
403	Computer Aided Engineering Design	Video	IIT Kanpur	Dr. Anupam Saxena
404	Cryogenic Engineering	Video	IIT Bombay	Prof. M.D. Atrey
405	Mathematical Methods in Engineering and Science	Video	IIT Kanpur	Dr. Bhaskar Dasgupta
406	Micro and Smart Systems	Video	IISc Bangalore	Dr. K.J. Vinoy, Prof. S. Gopalakrishnan, Prof. K.N. Bhat, Prof.
407	Biomicroelectromechanical systems	Video	IIT Kanpur	Dr. Shantanu Bhattacharya
408	Advanced Engineering Thermodynamics	Web	IIT Guwahati	Prof. P. Mahanta
409	Advanced Manufacturing Processes	Web	IIT Roorkee	Prof. Pradeep Kumar, Dr. A.K. Sharma
410	Design For Manufacturing	Web	IIT Bombay	Prof. A. De
411	Engineering Fracture Mechanics	Video	IIT Madras	Prof. K. Ramesh
412	Advanced Metallurgical Thermodynamics	Video	IIT Madras	Prof. B.S. Murty
413	Advances in Corrosion Engineering	Web	IISc Bangalore	Prof. K.A. Natarajan
414	Advanced Engineering Thermodynamics	Web	IIT Guwahati	Prof. P. Mahanta
415	Advanced Manufacturing Processes	Video	IIT Roorkee	Dr. A.K. Sharma
416	Design For Manufacturing	Web	IIT Bombay	Prof. A. De
417	Engineering Fracture Mechanics	Video	IIT Madras	Prof. K. Ramesh
418	Gas Dynamics	Web	IIT Guwahati	Dr. Vinayak Kulkarni
419	Optical Measurement Techniques in Thermal Sciences	Web	IIT Kanpur	Prof. P.K. Panigrahi, Prof. K. Muralidhar
420	Processing of non metals	Video	IIT Roorkee	Dr. Inderdeep Singh
421	Tribology	Video	IIT Delhi	Dr. Harish Hirani
422	Theory & Practice of Rotor Dynamics	Video	IIT Guwahati	Prof. Rajiv Tiwari
423	Structural Health Monitoring of Composites	Web	IIT Kanpur	Prof. Bishakh Bhattacharya
424	Introduction to Composites	Web	IIT Kanpur	Prof. Nachiketa Tiwari
425	Tribology	Web	IIT Delhi	Dr. Harish Hirani
426	Computational Heat Transfer and Fluid Flow	Web	IISc Bangalore	Prof. Pradip Dutta
427	Modelling and control of Dynamic Electro-Mechanical System	Web	IIT Kanpur	Prof. Bishakh Bhattacharya
428	Microfluidics	Video	IIT Madras	Dr. Ashis Kumar Sen
429	Fluid Mechanics	Video	IIT Kharagpur	Prof. S.K. Som
430	Technology of Surface Coating	Video	IIT Kharagpur	Prof. A.K. Chattopadhyay
431	Solar Energy Technology	Video	IIT Kharagpur	Prof. V.V. Satyamurty
432	Smart Material, Adaptive Structures and Intelligent Mechanical Systems	Web	IIT Kanpur	Prof. Nachiketa Tiwari, Prof. Bishakh Bhattacharya
433	Mechatronics and Manufacturing Automation	Web	IIT Guwahati	Dr. Shrikrishna N. Joshi
434	Automation & Controls	Web	IIT Delhi	Dr. S. Jha
435	Processing of non metals	Web	IIT Roorkee	Dr. Inderdeep Singh
436	Welding Engineering	Video	IIT Roorkee	Dr. D.K. Dwivedi
437	Welding Engineering	Web	IIT Roorkee	Dr. D.K. Dwivedi
438	Vibration Control	Web	IIT Roorkee	Dr. S.P. Harsha
439	Fluid Power Control	Web	NIT Calicut	Jagadeesha T
440	Forming	Web	SASTRA University	Dr. R. Chandramouli
441	Second Level Course in Heat Transfer	Web	IIT Bombay	Prof. R.P. Vedula
442	Vibration Control	Video	IIT Roorkee	Dr. S. P. Harsha
443	Nonlinear Vibration	Web	IIT Guwahati	Prof. S.K. Dwivedy
444	Sound Propagation Through Media	Web	IIT Kanpur	Prof. Nachiketa Tiwari
445	Nonlinear Vibration	Video	IIT Guwahati	Prof. S.K. Dwivedy
446	Introduction to Explosions and Explosion Safety	Video	IIT Madras	Prof. K. Ramamurthi
447	Computational Fluid Dynamics	Video	IIT Roorkee	Dr. K. M. Singh
448	Theory & Practice of Rotor Dynamics	Web	IIT Guwahati	Prof. Rajiv Tiwari
449	Computational Fluid Dynamics for Turbomachinery	Web	IIT Madras	Prof. B.V.S.S.S. Prasad, Dr. Y.V.S.S. Sanyasiraju
Metallurgy and Material Science				
450	Advanced Materials and Processes	Video	IIT Kharagpur	Prof. B.S. Murty
451	Physics of Materials	Video	IIT Madras	Dr. Prathap Haridoss
452	Introduction to Materials Science and Engineering	Web	IIT Madras	Dr. Ranjit Bauri
453	Physics of Materials	Web	IIT Madras	Dr. Prathap Haridoss
454	Fuels Refractory and Furnaces	Web	IIT Kanpur	Prof. Satish Ch. Korla
455	Steel Making	Web	IIT Kanpur	Prof. Satish Ch. Korla
456	Diffusion in solids	Web	IISc Bangalore	Dr. Aloke Paul
457	Materials and Energy balance in Metallurgical Processes	Video	IIT Kanpur	Prof. Satish Ch. Korla
458	Materials and Heat Balance in Metallurgical Processes	Web	IIT Kanpur	Prof. Satish Ch. Korla

459	Fuels Refractory and Furnaces	Video	IIT Kanpur	Prof. Satish Ch. Koria
460	Introduction to Biomaterials	Video	IIT Kanpur	Dr. Kantesh Balani, Dr. Birkamjit Basu
461	Non-ferrous Extractive Metallurgy	Video	IIT Kharagpur	Prof. H.S. Ray, Mr. L. Pugazhenthay
462	Science and Technology of Polymers	Video	IIT Kharagpur	Prof. B. Adhikari
463	Steel Making	Video	IIT Kanpur	Prof. Satish Ch. Koria, Prof. Dipak Mazumdar
464	Advanced Metallurgical Thermodynamics	Video	IIT Madras	Prof. B.S. Murty
465	Advances in Corrosion Engineering	Web	IISc Bangalore	Prof. K.A. Natarajan
466	Electroceramics	Web	IIT Kanpur	Dr. Ashish Garg
467	Principles of Physical Metallurgy	Video	IIT Kharagpur	Prof. R.N. Ghosh
468	Metals Biotechnology	Web	IISc Bangalore	Prof. K.A. Natarajan
469	Computational Approach to Materials Science and Engineering	Web	IIT Bombay	Dr. Prita Pant Dr. M.P. Gururajan
470	Electroceramics	Video	IIT Kanpur	Dr. Ashish Garg
471	Environmental Degradation of Materials	Video	IIT Kanpur	Dr. Kallool Mandal
472	Phase Transformations and Heat Treatment	Web	IIT Bombay	Dr. M.P. Gururajan
473	Introduction to Crystallographic texture and related phenomenon	Web	IISc Bangalore	Dr. Satyam Suwas
474	Advanced ceramics for strategic applications	Video	Ceramic	Prof. H.S. Maiti
475	Processing of Semiconducting Materials	Video	IIT Kharagpur	Dr. Pallab Banerji
476	Optoelectronic Materials & Devices	Video	IIT Kanpur	Prof. Deepak Gupta Prof. Monica Katiyar
477	Structure of Materials	Video	IIT Kanpur	Dr. Anandh Subramaniam
Mining Engineering				
478	Fundamentals of Environmental Pollution and Control	Video	IIT Kharagpur	Prof. J. Bhattacharyya
479	An Introduction to Underground Mine Environment and Ventilation	Web	NITK	Dr. Harsha Vardhan
Ocean Engineering				
480	Applied Thermodynamics for Marine Systems	Video	IIT Kharagpur	Prof. P.K. Das
481	Performance of Marine Vehicles at Sea	Video	IIT Kharagpur	Prof. Debabrata Sen, Prof. S.C. Misra
482	Strength and Vibration of Marine Structures	Video	IIT Kharagpur	Prof. S.K. Satsangi, Prof. A.H. Sheikh
483	Seakeeping & Manoeuvring	Video	IIT Kharagpur	Prof. Debabrata Sen
484	Marine Construction and Welding	Video	IIT Kharagpur	Prof. N.R. Mandal
485	Elements of Ocean Engineering	Video	IIT Kharagpur	Dr. Ashoke Bhar
486	Health, Safety and Environmental Management in Petroleum & Offshore Engg	Video	IIT Madras	Dr. Srinivasan Chandrasekaran
487	Hydrostatics and Stability	Video	IIT Kharagpur	Dr. Hari V. Warrior
488	Marine Hydrodynamics	Video	IIT Kharagpur	Dr. T. Sahoo
489	Wave Hydrodynamics	Video	IIT Madras	Prof. V. Sundar
490	Wave simulation, measurement and analysis	Web	IIT Madras	Prof. S.A. Sannasiraj
491	Coastal Engineering	Video	IIT Madras	Prof. V. Sundar
492	Dynamics of Ocean Structures	Video	IIT Madras	Dr. Srinivasan Chandrasekaran
493	Ocean Structures and Materials	Video	IIT Madras	Dr. Srinivasan Chandrasekaran
494	Advanced Marine Structures	Video	IIT Madras	Dr. Srinivasan Chandrasekaran
495	Design of Offshore Structures	Video	IIT Madras	Dr. S. Nallayarasu
496	Port and Harbour Structures	Video	IIT Madras	Prof. R. Sundaravadevelu
Chemistry and Biochemistry				
497	Eukaryotic Gene Expression - basics and benefits	Video	IISc Bangalore	Prof. P.N. Rangarajan
498	Chemistry of Materials	Video	IIT Kanpur	Prof. S. Sundar Manoharan
499	Bio-organic chemistry	Web	IIT Guwahati	Prof. P.S. Pandey, Dr. S.S. Bag
500	Biocatalysis in organic synthesis	Web	IIT Kharagpur	Prof. Samik Nanda
501	Essentials in Immunology	Video	IISc Bangalore	Prof. Anjali Karande, Dr. Dipankar Nandi, Dr. R. Manjunath
502	Organic photochemistry and pericyclic reactions	Video	IIT Kharagpur	Dr. N.D. Pradeep Singh
503	Rate processes	Video	IIT Kharagpur	Dr. M. Halder
504	BioChemistry I	Video	IIT Kharagpur	Prof. S. Dasgupta
505	Principles of Organic Synthesis	Web	IIT Guwahati	Prof. T. Punniyamurthy
506	Reagents and Organic reactions	Web	IIT Guwahati	Prof. T. Punniyamurthy
507	Structure and Functions of Biomolecules	Web	IIT Delhi	Dr. S.K. Khare
508	Structure and Functions of Biomolecules	Web	IIT Delhi	Dr. S.K. Khare
509	Selected Topics in Co-ordination Chemistry	Web	N.V. Patel College	Dr. Vasishtha D. Bhatt
510	Advance Analytical Course	Video	IIT Kanpur	Dr. Padma S Vankar
511	Catalytic Asymmetric Synthesis	Web	IIT Guwahati	Prof. T. Punniyamurthy
512	Introductory Inorganic Chemistry	Web	IIT Guwahati	Dr. Chandan Mukherjee
513	Bio-Organic Chemistry of Natural Enediyne Anticancer Antibiotics	Web	IIT Guwahati	Dr. S.S. Bag
514	Introduction to Organometallic Chemistry	Video	IISc Bangalore	Prof. A.G. Samuelson
515	Basic Organic Chemistry	Web	IIT Guwahati	Prof. T. Punniyamurthy
516	Bio-inorganic chemistry	Video	IIT Kharagpur	Prof. D. Ray
517	Introduction to Organometallic Chemistry	Web	IIT Bombay	Prof. Prasenjit Ghosh Prof. M. S. Balakrishna
518	Introductory Quantum Chemistry	Video	IISc Bangalore	Prof. K.L. Sebastian
519	Co-ordination Chemistry (chemistry of transition elements)	Video	IIT Kharagpur	Prof. D. Ray
520	Polymer Chemistry	Video	IIT Kharagpur	Dr. D. Dhara
521	Organic Chemistry and Pericyclic Reactions	Web	IIT Kharagpur	Dr. N.D. Pradeep Singh
522	Mathematics for Chemistry	Video	IIT Kanpur IIT R	Dr. Madhav Ranganathan, Dr. P.P. Thankachan
523	BioChemistry I	Video	IIT Kharagpur	Prof. S. Dasgupta
524	Chemistry of Materials	Web	IIT Guwahati	Dr. M. Quereschi
525	Environmental Chemistry	Web	IIT Guwahati	Dr. Chivukula Vasudeva Sastri
Chemical Engineering				
526	Chemical Reaction Engineering	Video	IISc Bangalore	Prof. Jayant M Modak
527	Biochemical Engineering	Video	IIT Kharagpur	Dr. Saikat Chakraborty, Dr. Rintu Banerjee
528	Novel Separation Processes	Web	IIT Kharagpur	Prof. S. De
529	Heat Transfer	Video	IIT Guwahati	Prof. A.K. Ghoshal
530	Modern Instrumental Methods of Analysis	Video	IISc Bangalore	Dr. J.R. Mudakavi
531	Chemical Technology - II	Web	IIT Guwahati	Dr. U. Ramagopal
532	Fertilizer Engineering	Web	IIT Roorkee	Prof. A. Dhiman

533	Advanced Transport Phenomena	Web	IIT Madras	Dr. R. Nagarajan
534	Computational Fluid Dynamics	Video	IIT Madras	Prof. Sreenivas Jayanti
535	Fundamentals of Transport Processes - II	Video	IISc Bangalore	Prof. V. Kumaran
536	Heat Transfer	Web	IIT Guwahati	Dr. Anil Verma
537	Introduction to Microelectronic Fabrication Processes	Web	IIT Madras	Dr. S. Ramanathan
538	Introduction to Colloid and Interface Science and Engineering	Web	IIT Kanpur	Prof. A. Sharma
539	Mass Transfer II	Video	IIT Kanpur	Prof. Nishith Verma
540	Mass Transfer Operations I	Web	IIT Guwahati	Dr. S.K. Majumder, Dr. Chandan Das
541	Mechanics of Soft Materials	Web	IIT Kanpur	Dr. A. Ghatak
542	Microscale Transport Processes	Video	IIT Kharagpur	Dr. Somnath Ganguly, Prof. S. Dasgupta
543	Modern Instrumental Methods of Analysis	Video	IISc Bangalore	Dr. J.R. Mudakavi
544	Molecular Simulations in Chemical Engineering	Web	IIT Guwahati	Dr. Tamal Banerjee, Dr. Ashok Kumar Dasmahapatra
545	Multiphase Flow	Web	IIT Kharagpur	Prof. P.K. Das, Prof. Gargi Das
546	Multiphase Flow	Video	IIT Kharagpur	Prof. P.K. Das, Prof. Gargi Das
547	Novel Separation Processes	Video	IIT Kharagpur	Prof. S. De
548	Particle Characterization (PG)	Video	IIT Madras	Dr. R. Nagarajan
549	Plantwide Control of Chemical Processes	Video	IIT Kanpur	Dr. Nitin Kaistha
550	Process Control and Instrumentation	Video	IIT Kharagpur	Dr. D. Sarkar, Dr. A.K. Jana
551	Process Integration	Web	IIT Roorkee	Prof. B. Mohanty
552	Process Modelling and Simulation	Web	IIT Roorkee	Prof. V.K. Agarwal
553	Thin Film Phenomena	Video	IIT Kharagpur	Dr. R. Mukherjee
554	Computational Techniques	Video	IIT Madras	Dr. Niket S. Kaisare
555	Fertilizer Engineering	Web	IIT Roorkee	Prof. A. Dhiman
556	Advanced Mathematical Techniques in Chemical Engineering	Video	IIT Kharagpur	Prof. S. De
557	Chemical Engineering Design - II	Web	IIT Guwahati	Prof. Vaibhav V. Goud, Dr. Animes Kr. Golder
558	Chemical Engineering Thermodynamics	Web	IIT Bombay	Dr. Sandip Roy
559	Fluid Mechanics	Web	IIT Kanpur	Prof. Nishith Verma
560	Fuel Cell Technology	Web	Guwahati	Prof. S. Basu, Dr. Anil Verma
561	Fundamentals of Transport Processes	Video	IISc Bangalore	Prof. V. Kumaran
562	Instability and Patterning of Thin Polymer Films	Video	IIT Kharagpur	Dr. R. Mukherjee
563	Interfacial Engineering	Web	IIT Guwahati	Dr. Pallab Ghosh
564	Chemical Engineering Thermodynamics	Web	IIT Bombay	Dr. Sandip Roy
565	Chemical Engineering Design - II	Web	IIT Guwahati	Prof. Vaibhav V. Goud, Dr. Animes Kr. Golder
566	Heavy and Fine Chemicals (Chemical Process Technology)	Web	Natubhai V. Pate	Dr. Nirmal K. Patel
567	Fluid Mechanics	Video	IIT Kanpur	Dr. V. Shankar
568	Nuclear Reactor Technology	Web	SASTRA University	Dr. K.S. Rajan
569	Process Design Decisions and Project Economics	Video	IIT Guwahati	Dr. Vijay S. Moholkar
570	Process Control and Instrumentation	Web	IIT Guwahati	Dr. P.K. Saha
571	System (Process) Identification	Web	IIT Madras	Dr. Arun K. Tangirala
572	Petroleum Refinery Engineering	Web	IIT Delhi, IIT Kanpur	Dr. K.K. Pant, Prof. Deepak Kunzru
573	Mass Transfer Operations I	Video	IIT Guwahati	Dr. B. Mandal
574	Heterogeneous Catalysis and Catalytic Processes	Video	IIT Delhi	Dr. K.K. Pant
575	Plantwide Control of Chemical Processes	Web	IIT Kanpur	Dr. Nitin Kaistha
576	Environmental Engineering	Web	IIT Roorkee	Dr. V.C. Srivastava
577	Chemical Technology - I	Web	IIT Roorkee	Prof. Indra D. Mall
578	Advanced Numerical Analysis	Web	IIT Bombay	Prof. Sachin C. Patwardhan
579	Food Engineering	Web	IIT Roorkee	Dr. Shishir Sinha
580	Transport Phenomena (UG)	Web	IIT Delhi	Prof. S.K. Gupta
581	Chemical Technology - I	Video	IIT Roorkee	Dr. I.D. Mall
582	Instability & Patterning of Thin Polymer Films	Web	IIT Kharagpur	Dr. R. Mukherjee
583	Process Integration	Video	IIT Roorkee	Dr. B. Mohanty
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